

CRF Errors Corrected by the STIC System Branch

CRF Processing Date: _____
 Edited by: _____
 Verified by: _____ (STIC staff)

Serial Number: 101051, 101052

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/051,681A

DATE: 04/14/2003

TIME: 15:25:18

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF4\04142003\J051681A.raw

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3 <110> APPLICANT: Daniel Cohen
4       Ilya Chumakov
6 <111> TITLE OF INVENTION: Treatment of CNS Disorders Using D-Amino Acid Oxidase and D-
Aspartate
7       Oxidase Antagonists
9 <112> FILE REFERENCE: 101.US1.REG
11 <113> CURRENT APPLICATION NUMBER: 10/051,681A
13 <114> CURRENT FILING DATE: 2002-01-16
15 <115> PRIOR APPLICATION NUMBER: 60/261,883
17 <116> PRIOR FILING DATE: 2001-01-16
19 <117> PRIOR APPLICATION NUMBER: 60/305,445
21 <118> PRIOR FILING DATE: 2001-07-13
23 <119> PRIOR APPLICATION NUMBER: 60/345,221
25 <120> PRIOR FILING DATE: 2001-10-22
27 <121> PRIOR APPLICATION NUMBER: 60/333,881
29 <122> PRIOR FILING DATE: 2001-11-19
31 <130> NUMBER OF SEQ ID NOS: 26
33 <170> SOFTWARE: Patent.pm
35 <210> SEQ ID NO: 1
37 <211> LENGTH: 96592
38 <212> TYPE: DNA
39 <213> ORGANISM: Homo sapiens
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43 <222> LOCATION: 38388..40388
44 <223> OTHER INFORMATION: 5'regulatory region
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47 <221> NAME/KEY: exon
48 <222> LOCATION: 40389..40670
49 <223> OTHER INFORMATION: exon 2
51 <220> FEATURE:
52 <221> NAME/KEY: exon
53 <222> LOCATION: 42666..42778
54 <223> OTHER INFORMATION: exon A
56 <220> FEATURE:
57 <221> NAME/KEY: exon
58 <222> LOCATION: 43416..43519
59 <223> OTHER INFORMATION: exon B
61 <220> FEATURE:
62 <221> NAME/KEY: exon
63 <222> LOCATION: 61159..61401
64 <223> OTHER INFORMATION: exon C
66 <220> FEATURE:
67 <221> NAME/KEY: exon

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/051,681A

DATE: 04/14/2003

TIME: 15:25:18

Input Set : A:\PTO.DC.txt

Output Set : N:\CRF4\04142003\J051681A.raw

68 <220> LOCATION: 64350..64711
69 <221> OTHER INFORMATION: exon Ulong
71 <220> FEATURE:
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73 <222> LOCATION: 64678..64711
74 <223> OTHER INFORMATION: exon U
76 <220> FEATURE:
77 <221> NAME/KEY: exon
78 <222> LOCATION: 64716..64761
79 <223> OTHER INFORMATION: exon V
81 <220> FEATURE:
82 <221> NAME/KEY: exon
83 <222> LOCATION: 64686..64690
84 <223> OTHER INFORMATION: exon 2
86 <220> FEATURE:
87 <221> NAME/KEY: exon
88 <222> LOCATION: 71942..72056
89 <223> OTHER INFORMATION: exon 3
91 <220> FEATURE:
92 <221> NAME/KEY: exon
93 <222> LOCATION: 73962..74028
94 <223> OTHER INFORMATION: exon 4
96 <220> FEATURE:
97 <221> NAME/KEY: exon
98 <222> LOCATION: 74701..74766
99 <223> OTHER INFORMATION: exon 5
101 <220> FEATURE:
102 <221> NAME/KEY: exon
103 <222> LOCATION: 77478..77532
104 <223> OTHER INFORMATION: exon 6
106 <220> FEATURE:
107 <221> NAME/KEY: exon
108 <222> LOCATION: 78762..78866
109 <223> OTHER INFORMATION: exon 7
111 <220> FEATURE:
112 <221> NAME/KEY: exon
113 <222> LOCATION: 81507..81589
114 <223> OTHER INFORMATION: exon 8
116 <220> FEATURE:
117 <221> NAME/KEY: exon
118 <222> LOCATION: 83181..83298
119 <223> OTHER INFORMATION: exon 9
121 <220> FEATURE:
122 <221> NAME/KEY: exon
123 <222> LOCATION: 82879..83977
124 <223> OTHER INFORMATION: exon 10
126 <220> FEATURE:
127 <221> NAME/KEY: exon
128 <222> LOCATION: 84906..85423

RAW SEQUENCE LISTING

DATE: 04/14/2003

PATENT APPLICATION: US/10/051,681A

TIME: 15:25:18

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF4\04142003\J051681A.raw

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129 <117> OTHER INFORMATION: exon 11
131 <118> FEATURE:
132 <118> NAME/KEY: exon
133 <118> LOCATION: 84906..85541
134 <118> OTHER INFORMATION: exon 11long
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139 <119> OTHER INFORMATION: 3'regulatory region
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142 <120> NAME/KEY: allele
143 <120> LOCATION: 6199
144 <120> OTHER INFORMATION: 24-1443-126 : polymorphic base C or T
146 <120> FEATURE:
147 <120> NAME/KEY: allele
148 <120> LOCATION: 44814
149 <120> OTHER INFORMATION: 24-1457-52 : polymorphic base A or C
151 <120> FEATURE:
152 <120> NAME/KEY: allele
153 <120> LOCATION: 72600
154 <120> OTHER INFORMATION: 27-93-181 : polymorphic base A or G
156 <120> FEATURE:
157 <120> NAME/KEY: allele
158 <120> LOCATION: 84046
159 <120> OTHER INFORMATION: 24-1461-256 : polymorphic base A or G
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164 <120> OTHER INFORMATION: 24-1443.pu
166 <120> FEATURE:
167 <120> NAME/KEY: primer_bind
168 <120> LOCATION: 6559..6579
169 <120> OTHER INFORMATION: 24-1443.rp complement
171 <120> FEATURE:
172 <120> NAME/KEY: primer_bind
173 <120> LOCATION: 44763..44782
174 <120> OTHER INFORMATION: 24-1457.pu
176 <120> FEATURE:
177 <120> NAME/KEY: primer_bind
178 <120> LOCATION: 45257..45277
179 <120> OTHER INFORMATION: 24-1457.rp complement
181 <120> FEATURE:
182 <120> NAME/KEY: primer_bind
183 <120> LOCATION: 72359..72378
184 <120> OTHER INFORMATION: 27-93.rp
186 <120> FEATURE:
187 <120> NAME/KEY: primer_bind
188 <120> LOCATION: 72763..72780
189 <120> OTHER INFORMATION: 27-93.pu complement

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RAW SEQUENCE LISTING

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DATE: 04/14/2003

TIME: 15:25:18

Input Set : A:\PTO.DC.txt

Output Set : N:\CRF4\04142003\J051681A.raw

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192 <111> NAME/KEY: primer_bind
193 <112> LOCATION: 83791..83811
194 <113> OTHER INFORMATION: 24-1461.pu
195 <100> FEATURE:
196 <111> NAME/KEY: primer_bind
197 <112> LOCATION: 84307..84324
198 <113> OTHER INFORMATION: 24-1461.rp complement
199 <100> FEATURE:
200 <111> NAME/KEY: primer_bind
201 <112> LOCATION: 6180..6194
202 <113> OTHER INFORMATION: 24-1443-126.mis
203 <100> FEATURE:
204 <111> NAME/KEY: primer_bind
205 <112> LOCATION: 8200..8214
206 <113> OTHER INFORMATION: 24-1443-126.mis complement
207 <100> FEATURE:
208 <111> NAME/KEY: primer_bind
209 <112> LOCATION: 44795..44813
210 <113> OTHER INFORMATION: 24-1457-52.mis
211 <100> FEATURE:
212 <111> NAME/KEY: primer_bind
213 <112> LOCATION: 44815..44833
214 <113> OTHER INFORMATION: 24-1457-52.mis complement
215 <100> FEATURE:
216 <111> NAME/KEY: primer_bind
217 <112> LOCATION: 72581..72599
218 <113> OTHER INFORMATION: 27-93-181.mis
219 <100> FEATURE:
220 <111> NAME/KEY: primer_bind
221 <112> LOCATION: 72601..72619
222 <113> OTHER INFORMATION: 27-93-181.mis complement
223 <100> FEATURE:
224 <111> NAME/KEY: primer_bind
225 <112> LOCATION: 84027..84045
226 <113> OTHER INFORMATION: 24-1461-256.mis
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230 <113> OTHER INFORMATION: 24-1461-256.mis complement
231 <100> FEATURE:
232 <111> NAME/KEY: misc_binding
233 <112> LOCATION: 6187..6211
234 <113> OTHER INFORMATION: 24-1443-126.probe
235 <100> FEATURE:
236 <111> NAME/KEY: misc_binding
237 <112> LOCATION: 44802..44826
238 <113> OTHER INFORMATION: 24-1457-52.probe
239 <100> FEATURE:

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/051,681A

DATE: 04/14/2003

TIME: 15:25:18

Input Set : A:\PTO.DC.txt

Output Set : N:\CRF4\04142003\J051681A.raw

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252 <21> NAME/KEY: misc_binding
253 <22> LOCATION: 72188..72612
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255 <24> FEATURES:
256 <25> NAME/KEY: misc_binding
257 <26> LOCATION: 84024..84359
258 <27> OTHER INFORMATION: 14-1461-256.probe
259 <28> SEQUENCES: 1
260 attatttgaa caattacacac ttgcagagjga agtctctgac tcagaaaagat tcagaaaagc 60
261 caagcajgca ctggaagac aattacacac gcaagacggc caaacactaa acaccjctat 120
262 gctcagjgac cgtcagjgca atggcacaat agatggggct ctgggcattt ctgagagcac 180
263 ctgactgggtg gcaacacac ctatggac atgctctaca gtctcgaagt ggtctctcag 240
264 agctcagatc cgaacacac ctatggjgca ggtctctcga gctcaggggt ccaaacacac 300
265 caagjgcaac agagjgcaac ccaacacac tctctcgaat gtgcaacag aaactctctc 360
266 atagtgatct ttattatgta ctggcggggt ggjggccatg tctaaaaaa aatgtctctc 420
267 cttctctcatt cctctctctc taacagacat caaagtctca gtgctagca tgggaattac 480
268 aagactctc atggjaacaa gaaagacac tactgttaac gtgacacac cggctctctc 540
269 gactgggttc tctgttgat ttgctctca atgtctctca aatgcaact gctgctcgc 600
270 ctccacacac agctctgct gactgctcag ttgctctca agagtgggt taggctctac 660
271 tctgacaga aaggtctctc caggtgctct caacagtcac cctctctgt ggtctcaca 720
272 aacccacaca cctctctgtc actctctctc tctctctgt ttgtgactgt ctctcactct 780
273 cactagaag ctctctgag ccaagaactg tgtgactgt tctctctgt tttactctg 840
274 cttagccat tctctcact acaggagaat gcaataaat catatgctta atgaatgagt 900
275 cgtgaatga atgatgaata aagggaatct aatctagtt taacaaatcc aggttttca 960
276 atgatctcag aggcattcat ttatctgtg atgtcaggg agtgactca cctcatttc 1020
277 acacgcactc tgggtctaat gctctaacct acttgacct cagttagtgg gaaattacaa 1080
278 gctacacttc aagctctga ctaggacctg ccatgaagta ctgggaatc agtggagtat 1140
279 cactgtgggg tgaagtgtct gaggcgaggg ccaacaatct ccatactct cccggggcc 1200
280 ctctgctga gagggtctc ctctctctc ttggcagctc tggtttgcc ttctgggttc 1260
281 ggcttggttg tcaactctc caggaagcat ttctggctaa ggtgccccac tctatagcag 1320
282 ctggtgtaaa acctctctaa gcaaacagca taactttctg tctctcaat tgaactctgag 1380
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285 ctctgatgga tatgggacca tgggaatgct tgtccagcag caactctgc ctctctcaca 1560
286 gaagggaaca ctagcccat cagactcacc ttctctact ggaaaagtcc actccagca 1620
287 aqatattctc ctcggtgtcc tggcgccgc tctgtacac caccaccatg taccggaccc 1680
288 ggtccgcca ggcgtctctc aggcgcactg cctgaacag ggcagacatg ctctcactaa 1740
289 cctgcttttg gaqgtgtgc ctctctcaca tctcctaatg aagatcaaca ctttcagtgt 1800
290 tctacctttc cctctgggag ttaaaaatga agagaaaatt ctggctggg catggtggtt 1860
291 caggcctgta atccagcac tttgggaggg caaggtaggc agatcactg aggtcaggag 1920
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294 ctcttgaaac ggggaagcgg aggttgaggt gagctgagat catgccacca catgccagcc 2100
295 agagcgacag atgagatct tgtctcaaac aacacacaca caacaaaaa caaagcgjaa 2160
296 gttcttgaca gcaaggaaac ggcctcgttt ctctctgtag caccagggac gctgctggc 2220
297 tttagagat caccacaaat gcaagaaatc agtgaacaca tgaaatcaa agaaagtctg 2280
298 tatttagctt atttaactgc cgtggagacc tgtttcactc ctctctcgc cctctgggg 2340
299 aactgaggag tcaactggc tctgcttta gtgcacatt tgagaatttg ttgtaacct 2400
300 aaagcttttc ccttatcat tcaagaatgg ttcacacaca ggtttcaca ttaaaaatta 2460

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/051,681A

DATE: 04/14/2003
TIME: 15:25:19

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\04142003\J051681A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:13; Xaa Pos. 10,30,50,60,115
Seq#:14; Xaa Pos. 10,30,50,60,115

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/051,681A

DATE: 04/14/2003

TIME: 15:25:19

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF4\04142003\J051681A.raw

L:2486 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:103
M:341 Repeated in SeqNo=13
L:2577 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
M:341 Repeated in SeqNo=14



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/051,681A

DATE: 04/14/2003

TIME: 08:56:11

Input Set : A:\seqlisting.txt

Output Set: N:\CRF4\04142003\J051681A.raw

3 <110> APPLICANT: Daniel Cohen
 4 Ilya Chumakov
 6 <120> TITLE OF INVENTION: Treatment of CNS Disorders Using D-Amino Acid Oxidase and D-Aspartate
 7 Oxidase Antagonists
 9 <130> FILE REFERENCE: 101.US5.REG
 11 <140> CURRENT APPLICATION NUMBER: 10/051,681A
 12 <141> CURRENT FILING DATE: 2002-01-16
 15 <150> PRIORITY APPLICATION NUMBER: 60/261,883
 17 <151> PRIORITY FILING DATE: 2001-01-16
 19 <150> PRIORITY APPLICATION NUMBER: 60/305,445
 21 <151> PRIORITY FILING DATE: 2001-07-13
 23 <150> PRIORITY APPLICATION NUMBER: 60/345,221
 25 <151> PRIORITY FILING DATE: 2001-10-21
 27 <150> PRIORITY APPLICATION NUMBER: 60/333,881
 29 <151> PRIORITY FILING DATE: 2001-11-19
 31 <160> NUMBER OF SEQ ID NOS: 26
 33 <170> SOFTWARE: Patent.m

ERRORED SEQUENCES

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 3064 <111> LENGTH: 47
 3065 <112> TYPE: DNA
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 3068 <114> FEATURE:
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 3071 <116> FEATURE:
 3072 <117> NAME/KEY: allele
 3073 <118> LOCATION: 14
 3074 <119> OTHER INFORMATION: polymorphic base A or G
 3076 <120> SEQUENCE: 26
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 E--> 3078 (54) tctctc

47

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/051,681A

DATE: 04/14/2003
TIME: 08:56:12Input Set : A:\seqlisting.txt
Output Set: N:\CRF4\04142003\J051681A.raw

L:2486 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:103
L:2489 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:151
L:2492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:199
L:2495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:247
L:2504 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:391
L:2577 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:2579 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:16
L:2583 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:48
L:2591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:112
L:3078 M:254 E: No. of Bases conflict, this line has no nucleotides.